iHealth® View

Smart Blood Pressure Wrist Monitor

Tensiomètre de poignet connecté
Sfigmomanometro da polso wireless
Tensiómetro de muñeca inalámbrico
Vernetztes-Blutdruckmessgerät für das Handgelenk
Monitor de tensão arterial de pulso sem fios
Draadloze polsbloeddrukmeter
Ασύρματο πιεσόμετρο καρπού

USER GUIDE

MODE D'EMPLOI
GUIDA DEL L'UTENTE
GUÍA DE USUARIO
BENUTZERHANDBUCH
MANUAL DE UTILIZAÇÃO
GEBRUIKERSHANDLEIDING
ΟΔΗΓΟΣ ΧΡΗΣΤΗ

EN

iHealth® View

Smart Blood Pressure Wrist Monitor(BP7S)
USER GUIDE

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INTRODUCTION

Thank you for selecting the iHealth View Smart Blood Pressure Wrist Monitor. The iHealth Smart Blood Pressure Wrist Monitor is a fully automatic wrist cuff blood pressure monitor that uses the oscillometric principle to measure your blood pressure and pulse rate. The monitor works with your mobile devices to track and share vital blood pressure data.

PACKAGE CONTENTS

- 1 iHealth View Smart Blood Pressure Wrist Monitor
- 1 User Guide
- 1 Quick Start Guide
- 1 Charging Cable
- 1 Travel Case

INTENDED USE

The iHealth View Smart Blood Pressure Wrist Monitor (Electronic Sphygmomanometer) is intended for use in a professional setting or at home and is a non-invasive blood pressure measurement system. It is designed to measure the systolic and diastolic blood pressures and pulse rate of an adult individual by using a technique in which an inflatable cuff is wrapped around the wrist. The measurement range of the standard cuff circumference is 5.3” to 8.7”(13.5cm-22cm).

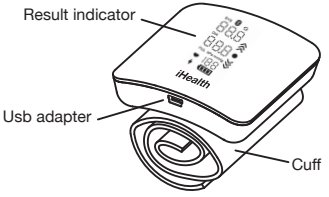
Note: *Consult your physician for proper interpretation of blood pressure results.*

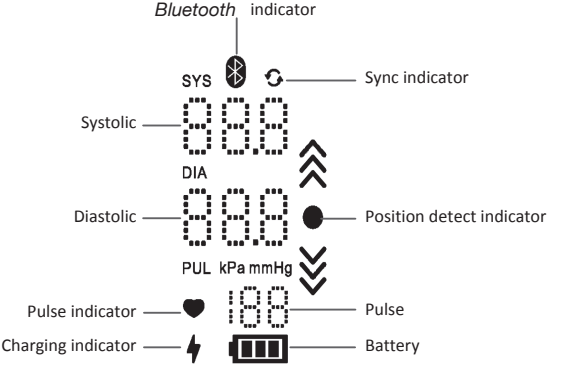
CONTRAINDICATION

⚠ It is not recommended for people with serious arrhythmia to use this Smart Blood Pressure Wrist Monitor.

PARTS AND DISPLAY INDICATORS

START/STOP button





SET UP REQUIREMENTS

Compatible with iPhone 4s+, iPod Touch 5, iPad 3+, iPad Mini+, iPad Air+ and select Android phones. Requires iOS version 7.0+ and Android version 4.0+. For a complete list of compatible devices, visit our support page at www.ihealthlabs.eu/support.

SET UP PROCEDURES

Download the Free iHealth MyVitals App

Prior to first use, download and install “iHealth MyVitals” from the App Store or Google Play Store. Follow the on-screen instructions to register and set up your personal account.

Access the iHealth Cloud Account

Your iHealth account also gives you access to the free and secure iHealth cloud service. Go to www.ihealthlabs.eu and sign in with the same account.

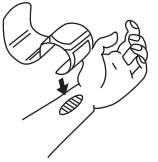
Charge Battery before First Use

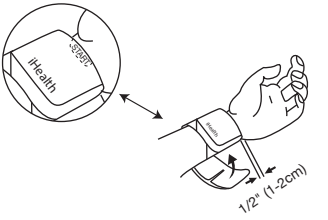
Connect the monitor to a USB port using the charging cable provided until the charging indicator light green and indicator steady.

BODY POSTURE DURING MEASUREMENT

Blood pressure can be affected by the position of the cuff and your physiologic condition. It is very important that the cuff is positioned at your heart level during blood pressure measurements.

1. Sit comfortably with your feet flat on the floor without crossing your legs. Stay still during measurement. Do not move your wrist, body, or the monitor.
2. Place your hand palm-side up in front of you and leave 1-2cm between the monitor and the bottom of your palm. If the monitor is correctly placed, iHealth logo will be facing upright.

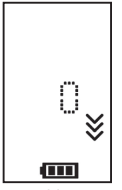




3. The center of the cuff should be at your heart level.
4. It is advised to place the monitor's travel case under your arm for support and to keep your arm at optimal height for measurement.

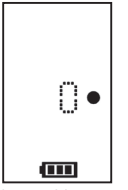
TAKING YOUR BLOOD PRESSURE READING

1. Apply the cuff or press the START/STOP button, the monitor will activate and begin to detect your wrist position.
2. Adjust the height of your wrist, the monitor will detect your wrist position and the measurement will start ONLY when the correct position is detected. When the position is correct, press "START/STOP" button again to start measurement.



Wrist position too low

Wrist position too high



Wrist position good

3. Then the cuff will be slowly inflated. The blood pressure and pulse will be measured during inflation. Inflation will stop as soon as the blood pressure and pulse rate have been calculated and displayed on the screen. The result will be automatically stored in the memory, and all results will be uploaded to the App automatically upon the next successful ***Bluetooth*** connection.

SYNC TIME AND RESULTS VIA *BLUETOOTH*

Connect to iOS Device via *Bluetooth*

1. Launch the iHealth MyVitals App from your iOS device.
2. Enable ***Bluetooth*** on your iOS device: Slide gently upward the iPhone screen from  to open the Control Center, and click on the 
3. Once the monitor is off, Press "START/STOP" button for 2 seconds until ***Bluetooth*** indicator begins flashing -- when a successful connection has been established, the ***Bluetooth*** indicator light will stop flashing.
4. When sync is processing, the sync indicator flash  and  , when sync is finished, the sync indicator lights up

Connect to Android Device via *Bluetooth*

- Press the START/STOP button for 2 seconds, the ***Bluetooth*** indicator will begin flashing.
- Enable the ***Bluetooth*** on your Android Device.
- When using the monitor for the first time, you should pair the monitor to the Android device. Go into your device's setting to pair it with your Android device. Check the ***Bluetooth*** menu for the model name of your monitor (BP7SXXX) to appear, and then select it to pair. This may take up to 30 seconds and your monitor's ***Bluetooth*** indicator will light up when a connection has been established.
- Launch the "iHealth MyVitals" app to sync with your monitor.
- When sync is processing, the sync indicator flash and , when sync is finished, the sync indicator lights up

• Please repeat these steps when you switch to another Android device with the monitor.

Remember to:

1. Make sure your wrist size is within cuff circumference; see the range in “SPECIFICATIONS”
2. Measure on the same wrist each time.
3. Stay still and calm for one to one and half minutes before taking a blood pressure measurement. Prolonged over-inflation of the bladder may cause bruises of your wrist.
4. Keep the cuff clean. Cleaning the cuff after every 200 times of usage is recommended. If the cuff becomes dirty, clean it with a moistened cloth. Do not rinse the monitor or cuff with running water.
5. Press the “START/STOP” button at any time to interrupt a measurement.

Note: *Physical activity, eating, drinking, smoking, excitement, stress, and many other factors influence blood pressure results.*

SPECIFICATIONS

1. Product name: iHealth View Smart Blood Pressure Wrist Monitor
2. Model: BP7S
3. Classification: Internally powered; Type BF applied part; IP22, No AP or APG; Continuous operation
4. Machine size: approx. 2.8"×2.9"×0.7" (72mm×74mm×17.6mm)
5. Cuff circumference: 5.3"- 8.7" (13.5cm-22cm)
6. Weight: approx. 4.2oz(120g)(including cuff)
7. Power: DC:5.0V ⎓ 1.0A, Battery: 1*3.7V ⎓ Li-ion 400mAh
8. Measurement range:
   Cuff pressure: 0-300 mmHg
   Systolic: 60-260 mmHg

Diastolic: 40-199 mmHg
Pulse rate: 40-180 beats/minute

9. Accuracy:
   Pressure: ±3 mmHg
   Pulse rate: ±5%
10. Environmental temperature for operation: 10°C-40°C(50°F -104°F)
11. Environmental humidity for operation: ≤85%RH
12. Environmental temperature for storage and transport:-20°C-55°C(-4°F-131°F)
13. Environmental humidity for storage and transport: ≤85%RH
14. Environmental pressure: 80kPa-105kPa
15. Battery life: more than 80 measurements on a full charge
16. The blood pressure measurement system includes accessories: pump, valve, cuff, and sensor.

Note: *These specifications are subject to change without notice.*

GENERAL SAFETY AND PRECAUTIONS

1. Read all of the information in the User Guide and other provided instructions before operating the unit.
2. Consult your physician for any of the following situations:
   a) The application of the cuff over a wound or inflamed area.
   b) The application of the cuff on any limb with intravascular access or therapy, or an arteriovenous (A-V) shunt.
   c) The application of the cuff on the arm on the side of a mastectomy.
   d) Simultaneous use with other medical monitoring equipment on the same limb.
   e) The blood circulation of the user needs to be checked.
3. Do not use this product in a moving vehicle as this may result in inaccurate measurements.
4. Blood pressure measurements determined by this product are equivalent to those obtained by professional

healthcare practitioners using the cuff/stethoscope auscultation method within the limits prescribed by the American National Standard, Electronic or Automated Sphygmomanometer. This device is also clinically validated according to the 2010 Protocol of the European Society of Hypertension (ESH 2010).

5. If an Irregular Heartbeat (IHB) is detected during the measurement procedure, the IHB symbol will be displayed in the “iHealth MyVitals” APP. Under this condition, the Smart Blood Pressure Wrist Monitor can keep functioning, but the results may be inaccurate. Please consult your physician for accurate assessment. The IHB symbol will be displayed under 2 conditions:
   1) The coefficient of variation (CV) of pulse period >25%.
   2) The difference of adjacent pulse period is ≥0.14s and more than 53 percent of the total number of pulses readings falls within this definition.
6. Please do not use any cuff other than that supplied by the manufacturer as this may result in inaccurate measurements.
7. For information regarding potential electromagnetic or other interference between the blood pressure monitor and other devices together with advice regarding avoidance of such interference, please see ELECTROMAGNETIC COMPATIBILITY INFORMATION. It is suggested that the blood pressure monitor should be operated at least 10 meters away from electric or wireless devices (e.g. routers, microwave oven, etc.)
8. If the blood pressure measurement (systolic or diastolic) is outside the rated range specified in part SPECIFICATIONS, the monitor will immediately display a technical alarm on the screen. In this case, repeat the measurement ensuring that the proper measurement procedures are followed and/or consult with your medical professional. The technical alarm is preset in the factory and cannot be adjusted or inactivated. This technical alarm is assigned as low priority according to IEC 60601-1-8. The technical alarm does not need to be reset.
9. This device requires a medical AC adapter with an output of DC 5.0V that complies with IEC 60601-1/UL 60601-1 and IEC 60601-1-2/EN 60601-1-2 such as ASP5-05010002JU (input: 100-240V, 50/60Hz, 200mA; output: DC 5V, 1.0A). Please note that the monitor jack size is USB mini B. The USB jack should be used for

charging only.

⚠ This Monitor is designed for adults and should never be used on infants, young children, pregnant or pre-eclamptic patients. Consult your physician before use on children.

⚠ This product might not meet its performance specifications if stored or used outside the specified temperature and humidity ranges.

⚠ Please do not share the cuff with any infectious person to avoid cross-infection.

BATTERY HANDLING AND USAGE

- The battery charge will be displayed on the LED screen when the monitor is active. And when the monitor is connected to the “iHealth MyVitals” APP, the battery charge will be displayed in the APP. If the power is less than 25%, please charge the battery. The monitor will not work until the battery has enough power.
- When the monitor needs charging, please connect the monitor to a power source. The monitor can work normally while charging.
- You should charge the battery when the battery is less than 25% charged. Overcharging the battery may reduce its lifetime.
- When in charging mode, the charging status will be displayed on the LED screen. See the table below for details.

Monitor Status	Status Indicator	
Charging	ϟ symbol green,	🔋 symbol rolling
Fully charged	ϟ symbol green,	🔋 symbol steady
Low battery	symbol flashing	▭ (for a few seconds)

⚠ Do not change the battery. If the battery can no longer be charged, please contact Customer Service.

⚠ Overcharging the battery may reduce its lifetime.

⚠ Lithium battery replacement by inadequately trained personnel could result in a hazard such as a fire or explosion.
⚠ Do not plug or unplug the power cord into the electrical outlet with wet hands. If the AC adapter is abnormal, please change the adapter.
⚠ Do not pull out the adapter when you are using the monitor.
⚠ Do not use any other type of AC adapter as it may harm the monitor.

 The monitor, cable, battery and cuff must be disposed of according to local regulations at the end of their usage.
Note: *Battery life and charge cycles vary by use and settings.*

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Low Battery	Battery do not have enough power	Charge the battery
LED display reads“Er0”	Pressure system is unstable before measurement	Retest, make sure not to move your arm or the monitor
LED display reads“Er1”	Fail to detect systolic pressure	
LED display reads“Er2”	Fail to detect diastolic pressure	
LED display reads“Er3”	Pneumatic system blocked or cuff is too tight during inflation	Apply the cuff correctly and try again
LED display reads“Er4”	Pneumatic system leakage or cuff is too loose during inflation	

LED display reads“Er5”	Cuff pressure above 300mmHg	Measure again after five minutes. If the monitor is still abnormal, please contact the local distributor or the factory.
LED display reads“Er6”	More than 160 seconds with cuff pressure above 15 mmHg	
LED display reads“Er7”	memory accessing error	
LED display reads“Er8”	Device parameter checking error	
LED display reads“ErA”	Pressure sensor parameter error	
LED display reads “ Er ”	***Bluetooth*** communicate error	Connect the mobile device correctly and try again, If the monitor is still abnormal, please contact the local distributor or the factory.
LED display reads an abnormal result	The cuff position was not correct or it was not properly tightened	Review the cuff application instructions and retest
	Body posture was not correct during testing	Review body posture instructions and retest
	Speaking, moving arm or body, being angry, excited or nervous during test	Retest when calm; avoid speaking or movement during the test
Bluetooth connection unstable	***Bluetooth*** connection unsuccessful, monitor is abnormal, or strong electromagnetic interference is present	Reset iOS/Android device. Reset monitor by pressing the START/STOP button and holding for about 10 seconds. Make sure the monitor and iOS/Android device are away from other electrical equipment. Please see GENERAL SAFETY AND PRECAUTIONS
No response when you press button	Incorrect operation or strong electromagnetic interference	Press the START/STOP button and hold for about 10 seconds to reset the device.

CARE AND MAINTENANCE

1. If this monitor is stored near freezing temperatures, allow it to return to room temperature before use.
2. If the monitor is not used for a long time, please be sure to fully charge it every month.
3. No monitor component needs to be maintained by the user. The circuit diagrams, component part lists, descriptions, calibration instructions, or other information which will assist the user's appropriately qualified technical personnel to repair those parts of the equipment which are designated for repair can be supplied by the iHealth technical department.
4. Clean the monitor with a dry, soft cloth or a moistened and well wrung soft cloth using water, diluted disinfectant alcohol, or diluted detergent.
5. The monitor can maintain the safety and performance characteristics for a minimum of 10,000 measurements or three years of usage, and the cuff integrity is maintained after 1,000 open close cycles.
6. The battery can maintain the performance characteristics for a minimum of 300 charge cycles.
7. It is recommended that if the cuff is used in a hospital or a clinic, it be disinfected twice a week. Wipe the inner side (the side that contacts skin) of the cuff with a soft cloth lightly moistened with Ethyl alcohol (75-90%). Then air dry the cuff.

⚠ Do not drop this monitor or subject it to strong impact.

⚠ Avoid high temperature and direct sunlight. Do not immerse the monitor in water as this will result in damage to the monitor.

⚠ Do not attempt to disassemble this monitor.

⚠ Battery replacement should only be performed by a qualified iHealth technician. To do otherwise will void your warranty and possibly damage your unit.

⚠ Cuff replacement should only be performed by a qualified iHealth technician. To do otherwise will possibly damage your unit.

8. It is recommended that product performance be checked every 2 years or after each repair. Please contact the iHealth Customer Service Center to do so.

WARRANTY INFORMATION

The iHealth View Smart Blood Pressure Wrist Monitor is warranted to be free from defects in materials and workmanship within one year from the date of purchase when used in accordance with the provided instructions. The warranty extends only to the end user. We will, at our option, repair or replace without charge the iHealth View Wireless Blood Pressure Wrist Monitor covered by the warranty. Repair or replacement is our only responsibility and your only remedy under the warranty.

EXPLANATION OF SYMBOLS

Symbol for "TYPE BF APPLIED PARTS" (cuff only)

Symbol for "THE OPERATION GUIDE MUST BE READ"
The sign background color: blue. The sign graphical symbol: white.

Symbol for "ENVIRONMENT PROTECTION – Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice".

Symbol for "KEEP DRY"

Symbol for "WARNING"

Symbol for "MANUFACTURER"

Symbol for "SERIAL NUMBER"

Symbol for "EUROPEAN REPRESENTATIVE"

Symbol for "COMPILES WITH MDD93/42/EEC REQUIREMENTS"
iHealth is a trademark of iHealth Labs Inc.

iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

CONTACT AND CUSTOMER SERVICE

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IMPORTANT INFORMATION REQUIRED BY THE FCC

This device complies with Part 15 of the FCC Rules. Its operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.
Changes or modifications not expressly approved by iHealth Labs Inc. would void the user's authority to operate the product.
Note: This product has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the

following measures:
— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.
This product complies with Industry Canada. IC: RSS-210
IC NOTICE
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.
This product is approved in accordance to R&TTE directive transmitter.

Hereby, [Andon Health], declares that this [BP7S] is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. Directive 1999/5/EC declaration of conformity and all iHealth certification and regulatory documents can be downloaded on the following link :
https://www.ihealthlabs.eu/support/certifications

OTHER STANDARDS AND COMPLIANCES

The Smart Blood Pressure Wrist Monitor corresponds to the following standards:
IEC 60601-1:2005 corr.1(2006)+corr.2(2007)/EN 60601-1： 2006/A11: 2011(Medical electrical equipment – Part 1: General requirements for safety)；
IEC 60601-1-2:2007/EN 60601-1-2:2007 /AC:2010 (Medical electrical equipment – Part 1: General requirements for safety; Collateral Standard-Electromagnetic compatibility - Requirements and tests);
EN 1060-1: 1995 + A1: 2002 + A2: 2009 (Non-invasive sphygmomanometers - Part 1: General requirements);
EN 1060-3: 1997 + A1: 2005 + A2: 2009 (Non-invasive sphygmomanometers - Part 3: Supplementary require-

ments for electro-mechanical blood pressure measuring systems);
IEC 80601-2-30 Edition 1.1 2013-07 (Medical electrical equipment –Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers).
ISO 81060-2 Second Edition 2013-05-01, Non-Invasive Sphygmomanometers - Part 2: Clinical Validation Of Automated Measurement Type.

ELECTROMAGNETIC COMPATIBILITY INFORMATION

Table 1

For all ME EQUIPMENT and ME SYSTEMS

Guidance and manufacture's declaration - electromagnetic emissions		
BP7S is intended for use in the electromagnetic environment specified below. The user of BP7S should ensure that it is used in such an environment.		
Emissions test	**Compliance**	**Electromagnetic environment - guidance**
RF emissions CISPR 11	Group 1	BP7S uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	BP7S is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Complies	

Table 2

For all ME EQUIPMENT and ME SYSTEMS

Guidance and manufacturer's declaration - electromagnetic immunity			
BP7S is intended for use in the electromagnetic environment specified below. The user of BP7S should ensure that it is used in such an environment.			
IMMUNITY test	**IEC 60601test level**	**Compliance level**	**Electromagnetic environment - guidance**
Electrostatic discharge (ESD) IEC 61000-4-2	± 6 kV contact ± 8 kV air	± 6 kV contact ± 8 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.
Electrical fast transient/burst IEC 61000-4-4	± 2 kV for power supply lines	± 2 kV for power supply lines	Main power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	± 1 kV line(s) to line(s) ± 2 kV line(s) to earth	± 1 kV line(s) to line(s) ± 2 kV line(s) to earth	Main power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5 % U_T (>95 % dip in U_T) for 0.5 cycle 40 % U_T (60 % dip in U_T) for 5 cycles 70 % U_T (30 % dip in U_T) for 25 cycles <5 % U_T (>95 % dip in U_T) for 5 s	<5 % U_T (>95 % dip in U_T) for 0.5 cycle 40 % U_T (60 % dip in U_T) for 5 cycles 70 % U_T (30 % dip in U_T) for 25 cycles <5 % U_T (>95 % dip in U_T) for 5 s	Main power quality should be that of a typical commercial or hospital environment. If the user of BP7S requires continued operation during power main interruptions, it is recommended that BP7S be powered from an uninterruptible power supply or a battery.

Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	3 A/m	3 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
NOTE: U_T is the a.c. mains voltage prior to application of the test level.			

Table 3

For ME EQUIPMENT and ME SYSTEMS that are not LIFE-SUPPORTING

Guidance and manufacturer's declaration - electromagnetic immunity			
BP7S is intended for use in the electromagnetic environment specified below. The user of BP7S should ensure that it is used in such an environment.			
IMMUNITY test	**IEC 60601test level**	**Compliance level**	**Electromagnetic environment - guidance**
			Portable and mobile RF communications equipment should be used no closer to any part of BP7S, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance:
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz	3 V	$d = 1.2\sqrt{P}$
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2.5 GHz	3 V/m	d $= 1.2\sqrt{P}$ 80 MHz to 800 MHz d $= 2.3\sqrt{P}$ 800 MHz to 2.5 GHz Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation

			distance in meters (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey,[a] should be less than the compliance level in each frequency range.[b] Interference may occur in the vicinity of equipment marked with the following symbol: 

NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies.
NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

a) Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which BP7S is used exceeds the applicable RF compliance level above, BP7S should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating BP7S.
b) Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

Table 4

For ME EQUIPMENT and ME SYSTEMS that are not LIFE-SUPPORTING

Recommended separation distances between portable and mobile RF communications equipment and the Wireless Blood Pressure Monitor

BP7S is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The user of BP7S can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and BP7S as recommended below, according to the maximum output power of the communication equipment.

Rated maximum output power of transmitter W	Separation distance according to frequency of transmitter m		
	150 kHz to 80 MHz $d = 1.2\sqrt{P}$	80 MHz to 800 MHz $d = 1.2\sqrt{P}$	800 MHz to 2,5 GHz $d = 2.3\sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be determined using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

NOTE 1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.